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- ACROCLADIUM** Petrak in *Sydowia*, iii, p. 263, 1949.—Hyphomycetes.
- **andinum** Petrak in *Sydowia*, iii, p. 263, 1949 on ? *Hippocratea*.—Ecuador.
- Amanitopsis floridana** Murrill in *Mycologia*, xli, p. 490, 1949.—Florida, U.S.A.
- Ancylistes netrii** Couch in *J. Elisha Mitchell sci. Soc.*, lxxv, p. 132, 1949 on *Netrium digitus*.—North Carolina, U.S.A.
- Anthopezia protracta** (Fr.) Nannfeldt in *Svensk bot. Tidskr.*, xliii, p. 477, 1949. (Syn. *Peziza protracta* Fries).
- Ascochyta hydrophylli-virginiani** Greene in *Amer. Midl. Nat.*, xli, p. 720, 1949 on *Hydrophyllum virginianum*.—Wisconsin, U.S.A.
- **rudbeckiae** (Ell. & Ev.) Greene in *Amer. Midl. Nat.*, xli, p. 753, 1949. (Syn. *Phyllosticta rudbeckiae* Ell. & Ev.).
- Asteromella delphinii** Petrak in *Sydowia*, iii, p. 315, 1949 on *Delphinium*.—Persia.
- **digitalis-ambiguae** Arx in *Sydowia*, iii, p. 94, 1949 on *Digitalis ambigua*.—Switzerland.
- BARBARIELLA** Middelhoek in *Ned. kruidk. Arch.*, lvi, p. 260, 1949.—Laboulbeniaceae.
- **tubantica** Middelhoek in *Ned. kruidk. Arch.*, lvi, p. 260, 1949 on *Catops nigricans*.—Holland.
- BIMERIS** Petrak in *Sydowia*, iii, p. 251, 1949.
- *Sphaeropsidales*.
- **aperta** Petrak in *Sydowia*, iii, p. 251, 1949 on *Oreopanax mucronulatus*.—Ecuador.
- Boletus flocculosipes** Murrill in *Mycologia*, xli, p. 491, 1949.—Florida, U.S.A.
- BOTRYOCREA** Petrak in *Sydowia*, iii, p. 140, 1949.—Nectrioidaceae.
- **sclerotioides** (v. Höhn.) Petrak in *Sydowia*, p. 141, 1949. (Syn. *Stagonopsis sclerotioides* v. Höhn.).
- Botryotinia narcissicola** (Gregory) Buchwald in *K. VetHøjsk. Aarsskr.*, no. 32, p. 137, 1949. (Syn. *Sclerotinia narcissicola* Gregory).
- **polyblastis** (Gregory) Buchwald in *K. VetHøjsk. Aarsskr.*, no. 32, p. 137, 1949. (Syn. *Sclerotinia polyblastis* Gregory).
- **ricini** (Godfrey) Buchwald in *K. VetHøjsk. Aarsskr.*, no. 32, p. 137, 1949. (Syn. *Sclerotinia ricini* Godfrey).
- **sphaerosperma** (Gregory) Buchwald in *K. VetHøjsk. Aarsskr.*, no. 32, p. 137, 1949. (Syn. *Sclerotinia sphaerosperma* Gregory).
- Botrytis fuckeliana** Buchwald nom. nov. in *K. VetHøjsk. Aarsskr.*, no. 32, p. 147, 1949, state of *Botryotinia fuckeliana*.
- **geranii** Buchwald nom. nov. in *K. VetHøjsk. Aarsskr.*, no. 32, p. 148, 1949. [Cf. *B. geranii* Seaver 1947, this *Index* p. 178].
- **porri** Buchwald nom. nov. in *K. VetHøjsk. Aarsskr.*, no. 32, p. 147, 1949, state of *Botryotinia porri*.
- **ricini** Buchwald nom. nov. in *K. VetHøjsk. Aarsskr.*, no. 32, p. 148, 1949, state of *Botryotinia ricini*.
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- Bovista concinna** Ahmad in *Sydowia*, iii, p. 335, 1949.—Pakistan.
- Bremia graminicola** Naumoff var. *indica* Patel in *Indian Phytopathology*, i, p. 106, 1949 on *Arthraxon lancifolius*.—India.
- Camarosporium shahvaricum** Petrak in *Sydowia*, iii, p. 316, 1949 on *Astragalus* sp.—Persia.
- Candida truncata** Vanbreuseghem in *Arch. belg. Derm. Syph.*, iv, p. 3, 1948 on infants [*Homo sapiens*] from Belgian Congo.
- Cercospora lithospermi** Chupp & Greene apud Greene in *Amer. Midl. Nat.*, xli, p. 724, 1949 on *Lithospermum croceum*.—Wisconsin, U.S.A.
- **salicis** Chupp & Greene apud Greene in *Amer. Midl. Nat.*, xli, p. 757, 1949 on *Salix alba*.—Wisconsin, U.S.A.
- **trifidae** Chupp nom. nov. apud Greene in *Amer. Midl. Nat.*, xli, p. 725, 1949. (Syn. *C. racemosa* var. *ambrosiae* Seym. & Earle, non *C. ambrosiae* Auct.).
- **triostei** Chupp & Greene apud Greene in *Trans. Wis. Acad. Sci. Arts Lett.*, xxxviii, p. 247, 1947 on *Triosteum perfoliatum*.—Wisconsin, U.S.A.
- Chytriomycetes closterii** Karling in *Bull. Torrey bot. Cl.*, lxxvi, p. 352, 1949 on *Closterium rostratum*.—Maryland, U.S.A.
- **fructicosus** Karling in *Bull. Torrey bot. Cl.*, lxxvi, p. 353, 1949 in soil.—Maryland, U.S.A.
- **lucidus** Karling in *Bull. Torrey bot. Cl.*, lxxvi, p. 353, 1949 in soil.—Maryland, U.S.A.
- Ciboria granigena** (Quél.) Buchwald in *K. VetHøjsk. Aarsskr.*, no. 32, p. 165, 1949. (Syn. *Phialea granigena* Quél.).
- **ploettneriana** (Kirschst.) Buchwald in *K. VetHøjsk. Aarsskr.*, no. 32, p. 165, 1949. (Syn. *Sclerotinia ploettneriana* Kirschst.).
- **polygoni** (Rehm) Buchwald in *K. VetHøjsk. Aarsskr.*, no. 32, p. 165, 1949. (Syn. *Sclerotinia polygoni* Rehm).
- **tiliae** (Reade) Buchwald in *K. VetHøjsk. Aarsskr.*, no. 32, p. 165, 1949. (Syn. *Sclerotinia tiliae* Reade).
- Cintractia fimbristylicola** Pavgi & Mundkur in *Indian Phytopathology*, i, p. 108, 1949 on *Fimbristylis complanata*.—India.
- **peribebuyensis** Spegazzini var. *major* Pavgi & Mundkur in *Indian Phytopathology*, i, p. 109, 1949 on *Cyperus* sp.—India.
- Cistella stercicola** (Cooke) Dennis in *Mycol. Pap., C.M.I.*, 32, p. 60, 1949. (Syn. *Peziza stercicola* Cooke).



- Cladosporium americanum** Greene in *Amer. Midl. Nat.*, xli, p. 723, 1949 on *Prunus americana*.—Wisconsin, U.S.A.
- Clavaria microspora** Jossierand in *Bull. Soc. mycol. Fr.*, lxiv, p. 31, 1948.—France.
- \***Clitopilus arwidssonii** Pilát in *Atlas des Champignons de l'Europe*—vol. vi, Monographie des espèces européennes du genre *Crepidotus* Fr., p. 58, 1948.—Sweden.
- Coltricia placodes** (Kalchbr.) Cunningham in *Bull. Dep. sci. industr. Res. N.Z.* 81, p. 15, 1949. (Syn. *Polyporus placodes* Kalchbr.).
- Coniothyrium pallidispermum** Greene in *Amer. Midl. Nat.*, xli, p. 752, 1949 on *Carya cordiformis*.—Wisconsin, U.S.A.
- Coprinus lagopus** Fr. f. **macrospermus** Romagnesi in *Rev. de Mycologie*, x, p. 76, 1945.—France.
- **utrifer** Jossierand in *Bull. Soc. mycol. Fr.*, lxiv, p. 27, 1948 on dung.—France.
- Cordyceps aurea** Moureau in *Mém. Inst. roy. colon. belg.*, vii, p. 21, 1949 on insects.—Belgian Congo.
- **carnata** Moureau in *Mém. Inst. roy. colon. belg.*, vii, p. 10, 1949 on *Paltiothyreus tarsatus*.—Belgian Congo.
- **filiformis** Moureau in *Mém. Inst. roy. colon. belg.*, vii, p. 14, 1949 on insects.—Belgian Congo.
- **furcata** Moureau in *Mém. Inst. roy. colon. belg.*, vii, p. 24, 1949 on Coleoptera.—Belgian Congo.
- **lilacina** Moureau in *Mém. Inst. roy. colon. belg.*, vii, p. 52, 1949 on insects.—Belgian Congo.
- **lutea** Moureau in *Mém. Inst. roy. colon. belg.*, vii, p. 41, 1949 on Hemiptera.—Belgian Congo.
- **pseudoinsignis** Moureau in *Mém. Inst. roy. colon. belg.*, vii, p. 34, 1949 on insects.—Belgian Congo.
- **rubri-punctata** Moureau in *Mém. Inst. roy. colon. belg.*, vii, p. 26, 1949 on Coleoptera.—Belgian Congo.
- **truncata** Moureau in *Mém. Inst. roy. colon. belg.*, vii, p. 19, 1949 on insects.—Belgian Congo.
- **variegata** Moureau in *Mém. Inst. roy. colon. belg.*, vii, p. 30, 1949 on insects.—Belgian Congo.
- Coriolus conchifer** (Schw.) Cunningham in *Bull. Dep. sci. industr. Res. N.Z.* 81, p. 5, 1949. (Syn. *Polyporus conchifer* Schw.).
- **sanguineus** (Fr.) Cunningham in *Bull. Dep. sci. industr. Res. N.Z.* 81, p. 17, 1949. (Syn. *Polyporus sanguineus* Fr.).
- Cortinarius biveloides** Henry in *Bull. Soc. mycol. Fr.*, lxiv, p. 34, 1948.—France.
- **privigno-fulvus** Henry in *Bull. Soc. mycol. Fr.*, lxiv, p. 43, 1948.—France.
- **privignoides** Henry nom. nov. in *Bull. Soc. mycol. Fr.*, lxiv, p. 40, 1948. (Syn. *Cortinarius privignus* sensu Ricken, non Fries).
- **privignorum** Henry nom. nov. in *Bull. Soc. mycol. Fr.*, lxiv, p. 42, 1948. (Syn. *Cortinarius privignus* sensu Britzelmayer, non Fr.).
- **pseudo-crassus** Jossierand nom. nov. in *Bull. Soc. mycol. Fr.*, lxiv, p. 18, 1948. (For *Hebeloma crassum* sensu Ricken, non Fr.).
- **pseudo-privignus** Henry in *Bull. Soc. mycol. Fr.*, lxiv, p. 41, 1948.—France.
- Cortinellus quercicola** Murrill in *Lloydia*, xii, p. 66, 1949 on diseased base of *Quercus laurifolia*.—Florida, U.S.A.
- CREONECTE** Petrak in *Sydowia*, iii, p. 256, 1949.—Sphaeropsidales.
- **biparasitica** Petrak in *Sydowia*, iii, p. 256, 1949 on *Uromyces costaricensis*.—Ecuador.
- Crepidotus applanatus** (Pers. ex Fr.) Karsten var. **fulvifibrillosus** (Murrill) Pilát in *Atlas des Champignons de l'Europe*—vol. vi, Monographie des espèces européennes du genre *Crepidotus* Fr., p. 35, 1948. (Syn. *Crepidotus fulvifibrillosus* Murrill).
- **bresadolae** Pilát nom. nov. in *Atlas des Champignons de l'Europe*—vol. vi, Monographie des espèces européennes du genre *Crepidotus* Fr., p. 46, 1948. (Syn. *C. pubescens* Bres., non Fl. Dan.).
- \*— **carpatotrossicus** Pilát in *Atlas des Champignons de l'Europe*—vol. vi, Monographie des espèces européennes du genre *Crepidotus* Fr., p. 70, 1948 on *Hypnum*.—Ukraine.
- **cesatii** Rab. var. **gothoburgensis** Pilát in *Atlas des Champignons de l'Europe*—vol. vi, Monographie des espèces européennes du genre *Crepidotus* Fr., p. 63, 1948 on *Lonicera tatarica*.—Sweden.
- **larseni** Pilát nom. nov. in *Atlas des Champignons de l'Europe*—vol. vi, Monographie des espèces européennes du genre *Crepidotus* Fr., p. 74, 1948. (Syn. *Crepidotus citrinus* Larsen, non Petch).
- \*— **macedonicus** Pilát in *Atlas des Champignons de l'Europe*—vol. vi, Monographie des espèces européennes du genre *Crepidotus* Fr., p. 22, 1948 on dead *Fagus silvatica*.—Yugoslavia.
- **microsporus** (Karsten sensu Romell) Pilát in *Atlas des Champignons de l'Europe*—vol. vi, Monographie des espèces européennes du genre *Crepidotus* Fr., p. 56, 1948. (Syn. *Claudopus variabilis* var. *microsporus* Karsten).
- \*— **mollis** var. **pseudoapplanatus** Pilát in *Atlas des Champignons de l'Europe*—vol. vi, Monographie des espèces européennes du genre *Crepidotus* Fr., p. 30, 1948.—Germany.
- \*— **subepibryus** Pilát in *Atlas des Champignons de l'Europe*—vol. vi, Monographie des espèces européennes du genre *Crepidotus* Fr., p. 68, 1948 on mosses.
- **subverrucisporus** Pilát in *Atlas des Champignons de l'Europe*—vol. vi, Monographie des espèces européennes du genre *Crepidotus* Fr., p. 51, 1948 on dead *Robinia pseud-acacia*.—Czechoslovakia.
- **versutus** var. **subglobisporus** Pilát in *Acta Mus. nat. Pragae*, ii. B, p. 74, 1940.—Carpathians.
- \*— **wakefieldiae** Pilát in *Atlas des Champignons de l'Europe*—vol. vi, Monographie des espèces européennes du genre *Crepidotus* Fr., p. 65, 1948 on wood.—England.
- Curvularia subulata** (Nees ex Fr.) Boedijn ex Gilman in *A Manual of Soil Fungi*, p. 303, 1945. (Syn. *Helminthosporium subulatum* Nees ex Fr.).
- CYANOPATELLA** Petrak in *Sydowia*, iii, p. 143, 1949.—Excipulaceae.
- **iranica** Petrak in *Sydowia*, iii, p. 143, 1949 on *Zygophyllum* sp.—Persia.
- Dasyscypha acuta** (Vel.) Dennis in *Mycol. Pap., C.M.I.*, 32, p. 50, 1949. (Syn. *Lachnum acutum* Vel.).
- **albidorosea** (Rehm) Dennis in *Mycol. Pap., C.M.I.*, 32, p. 30, 1949. (Syn. *Peizizella albidorosea* Rehm).
- **apala** (Berk. & Br.) Dennis in *Mycol. Pap.*,



- C.M.I.*, 32, p. 25, 1949. (Syn. *Peziza apala* Berk. & Br.).
- **bicolor** (Bull. ex Fr.) Fuckel var. **rubi** (Bres.) Dennis in *Mycol. Pap.*, *C.M.I.*, 32, p. 36, 1949. (Syn. *Lachnum bicolor* var. **rubi** Bres.).
- **carneola** (Sacc.) Sacc. var. **longispora** Dennis in *Mycol. Pap.*, *C.M.I.*, 32, p. 90, 1949 on dead *Bromus erectus*.—England.
- **fuscescens** (Pers. ex Fr.) Rehm var. **fagicola** (Phill.) Dennis in *Mycol. Pap.*, *C.M.I.*, 32, p. 38, 1949. (Syn. *Lachnella brunneola* var. *fagicola* Phill.).
- **granulosella** (v. Höhn.) Dennis in *Mycol. Pap.*, *C.M.I.*, 32, p. 30, 1949. (Syn. *Psilachnum granulosellum* v. Höhn.).
- **helotioides** (Rehm) Dennis in *Mycol. Pap.*, *C.M.I.*, 32, p. 49, 1949. (Syn. *Lachnum helotioides* Rehm).
- **nudipes** (Fuckel) Sacc. var. **minor** Dennis in *Mycol. Pap.*, *C.M.I.*, 32, p. 90, 1949 on *Epilobium hirsutum*.—England.
- **sydowii** Dennis in *Mycol. Pap.*, *C.M.I.*, 32, p. 90, 1949 on *Eriophorum angustifolium*.—England.
- Didymella cousiniae** Petrak in *Sydowia*, iii, p. 277, 1949 on *Cousinia*.—Persia.
- Diplodia diversispora** Robak in *Svensk bot. Tidskr.*, xliii, p. 539, 1949 on dead spruce.—Norway.
- **ribis** Sacc. f. **ribis-aurei** (Brun.) Moreau in *Bull. Soc. Linn. Normandie*, v, p. 14, 1947. (Syn. *Diplodia ribis* Sacc. var. *ribis-aurei* Brun.).
- Diplodia berberidina** (Sacc.) Allesch. f. **decaisneae** C. Moreau in *Bull. Soc. Linn. Normandie*, v, p. 23, 1947 on *Decaisnea insignis*.—France.
- \***Dothidella eriosemae** Moreau in *Rev. de Mycologie*, xiv, Supp. Col. No. 1, p. 18, 1949 on *Eriosema spicatum*.—French Guinea, Africa.
- ENDOPLACODIUM** Petrak in *Sydowia*, iii, p. 146, 1949.—Leptostromaceae.
- **nigrescens** Petrak in *Sydowia*, iii, p. 146, 1949 on *Astragalus* sp.—Persia.
- Erysiphe blumeri** Mayor in *Ber. schweiz. bot. Ges.*, lix, p. 284, 1949 on *Kentranthus angustifolius*.—Switzerland & Spain.
- Farysiä orientalis** Ling in *Sydowia*, iii, p. 130, 1949 on *Carex baccans*.—India.
- Flammula gigantea** (Lange) Moser in *Sydowia*, iii, p. 372, 1949. (Syn. *Flammula carbonaria* var. *gigantea* Lange).
- Fomitopsis tasmanica** (Berk.) Cunningham in *Bull. Dep. sci. industr. Res. N.Z.* 81, p. 20, 1949. (Syn. *Polyporus tasmanicus* Berk.).
- Fulvidula bellula** (Peck) Jossierand in *Bull. Soc. mycol. Fr.*, lxiv, p. 23, 1948. (Syn. *Naucoria bellula* Peck).
- Fusariella bizzozeriana** (Sacc.) Hughes in *Mycol. Pap.*, *C.M.I.*, 28, p. 6, 1949. (Syn. *Sporidesmium bizzozerianum* Sacc.).
- **concinna** (Sydow) Hughes in *Mycol. Pap.*, *C.M.I.*, 28, p. 8, 1949. (Syn. *Clasterosporium cincinnum* Sydow).
- **obstipa** (Pollack) Hughes in *Mycol. Pap.*, *C.M.I.*, 28, p. 9, 1949. (Syn. *Dendryphium obstipum* Pollack).
- Fusarium lateritium** Nees ex Fr. f. **pini** Hepting apud Snyder et al. in *J. agric. Res.*, lxxviii, p. 378, 1949 on *Pinus* spp.—U.S.A.
- **oxyosporum** Fr. f. **delphinii** Laskaris in *Phytopathology*, xxxix, p. 916, 1949 on *Delphinium*.—Connecticut, U.S.A.
- f. **rhois** Snyder & Hepting in *J. agric. Res.*, lxxviii, p. 374, 1949 on *Rhus typhina*.—Virginia, U.S.A.
- Galerina unicolor** (Fr. ex Fl. Dan.) Moser in *Sydowia*, iii, p. 370, 1949. [Syn. not cited].
- Geoglossum fallax** Durand var. **proximum** (Imai & Minak.) Imai in *J. Fac. Agric. Hokkaido Univ.*, xlv, p. 214, 1941. (Syn. *Geoglossum proximum* Imai & Minakata).
- var. **subpumilum** (Imai) Imai in *J. Fac. Agric. Hokkaido Univ.*, xlv, p. 215, 1941. (Syn. *Geoglossum subpumilum* Imai).
- **japonicum** Imai in *J. Fac. Agric. Hokkaido Univ.*, xlv, p. 210, 1941.—Japan.
- Gloeosporium meinersii** Sprague in *Mycologia*, xli, p. 494, 1949 on *Phleum pratense*.—Washington State, U.S.A.
- var. **alpinum** Sprague in *Mycologia*, xli, p. 494, 1949 on *Poa alpina*.—Colorado, U.S.A.
- Glomerella cingulata** (Stonem.) Spauld. & Schrenk var. **brevispora** Wollenw. in *Z. Parasitenk.*, xiv, p. 260, 1949 on decayed fruits, etc.—Germany.
- var. **crassispota** Wollenw. in *Z. Parasitenk.*, xiv, p. 260, 1949 on *Coffea arabica*.—Germany.
- var. **migrans** Wollenw. in *Z. Parasitenk.*, xiv, p. 262, 1949 on *Hypericum* spp.—Germany.
- var. **minor** Wollenw. in *Z. Parasitenk.*, xiv, p. 261, 1949 on *Ficus edulis*.—Germany.
- Gomphidius maculatus** (Scop. ex Fr.) Fr. var. **furcatus** (Peck) Sing. in *Mycologia*, xli, p. 477, 1949. (Syn. *Gomphidius furcatus* Peck).
- **ochraceus** Kauffman subsp. **muscigenus** Singer in *Mycologia*, xli, p. 472, 1949.—U.S.A.
- subsp. **superiorensis** (Kauffm. & Smith) Singer in *Mycologia*, xli, p. 472, 1949. (Syn. *Gomphidius superiorensis* Kauffman & Smith).
- GYMNOMITRULA** Imai nom. nov. in *J. Fac. Agric. Hokkaido Univ.*, xlv, p. 172, 1941. (Syn. *Mitrlula* Pers., 1794, non Fr. 1821).
- **abietis** (Fr.) Imai in *J. Fac. Agric. Hokkaido Univ.*, xlv, p. 173, 1941. (Syn. *Mitrlula abietis* Fr.).
- **gracilis** (Karst.) Imai in *J. Fac. Agric. Hokkaido Univ.*, xlv, p. 175, 1941. (Syn. *Mitrlula gracilis* Karst.).
- Haplographium calophylli** Wiehe in *Mycol. Pap.*, *C.M.I.*, 29, p. 5, 1949 on *Calophyllum inophyllum* var. *tacamaha*.—Mauritius.
- Haplosporella iranica** Petrak in *Sydowia*, iii, p. 318, 1949 on *Euphorbia*.—Persia.
- Helicogloeia alba** (Burt) Couch in *Mycologia*, xli, p. 435, 1949. (Syn. *Septobasidium album* Burt).
- Helotium lactucae** Losa in *An. Jard. bot. Madr.*, viii, p. 319, 1947 on *Lactuca* ? *virosa*.—Spain.
- **lappa** Losa in *An. Jard. bot. Madr.*, viii, p. 320, 1947 on *Lappa* sp.—Spain.
- Hendersonia foliicola** Berg. var. **longiorospora** Zaleski, St. Domański, & Wojciechowski in *Acta Soc. bot. polon.*, xix, p. 136, 1948 on *Juniperus communis*.—Poland.
- **rumicis** Losa in *An. Jard. bot. Madr.*, viii, p. 303, 1947 on *Rumex*.—Spain.
- **shahvarica** Petrak in *Sydowia*, iii, p. 320, 1949 on *Onobrychis cornuta*.—Persia.
- **spartinae** Greene in *Amer. Midl. Nat.*, xli,



- p. 756, 1949 on *Spartina pectinata*.—Wisconsin, U.S.A.
- zygophylli* Petrak in *Sydowia*, iii, p. 321, 1949 on *Zygophyllum atriplicoides*.—Persia.
- Hendersonula agathi** Young in *Qd J. agric. Sci.*, v, p. 12, 1948 on *Agathis palmerstoni*.—Queensland, Australia.
- astragalina* Petrak in *Sydowia*, iii, p. 322, 1949 on *Astragalus* sp.—Persia.
- Heterochaete crassa** Bodman in *Mycologia*, xli, p. 531, 1949.—Florida, U.S.A.
- HETEROCONIUM** Petrak in *Sydowia*, iii, p. 264, 1949.—Hyphomycetes.
- citharexyl* Petrak in *Sydowia*, iii, p. 265, 1949 on *Citharexylum ilicifolium*.—Ecuador.
- Hyaloscypha deparcula** (Karst.) Nannfeldt apud Dennis in *Mycol. Pap., C.M.I.*, 32, p. 74, 1949. (Syn. *Peziza deparcula* Karst.).
- lachnabrachya* (Desm.) Nannf. var. *araneocincta* (Phill.) Dennis in *Mycol. Pap., C.M.I.*, 32, p. 73, 1949. (Syn. *Peziza araneocincta* Phillips).
- puberula* (Lasch) Nannfeldt apud Dennis in *Mycol. Pap., C.M.I.*, 32, p. 73, 1949. (Syn. *Peziza puberula* Lasch).
- richonis* (Boud.) Dennis in *Mycol. Pap., C.M.I.*, 32, p. 66, 1949. (Syn. *Urceolella richonis* Boud.).
- Hyalothyridium calamagrostidis** Greene in *Trans. Wis. Acad. Sci. Arts Lett.*, xxxviii, p. 230, 1947 on *Calamagrostis canadensis*.—Wisconsin, U.S.A.
- HYALOTRICHA** Dennis in *Mycol. Pap., C.M.I.*, 32, p. 90, 1949.—Hyaloscyphaceae. Type, *H. corticicola*.
- corticicola* Dennis in *Mycol. Pap., C.M.I.*, 32, p. 91, 1949 on *Myrica gale*.—England.
- crispula* (Karst.) Dennis in *Mycol. Pap., C.M.I.*, 32, p. 77, 1949. (Syn. *Peziza crispula* Karst.).
- trichodea* (Phill. & Plowr.) Dennis in *Mycol. Pap., C.M.I.*, 32, p. 76, 1949. (Syn. *Peziza trichodea* Phill. & Plowr.).
- Hypoderma** (as '*Hipoderma*') *asphodeli* Losa in *An. Jard. bot. Madr.*, viii, p. 316, 1947 on *Asphodelus albus*.—Spain.
- Hysteroglyphium** (as '*Hysteriographium*') *hysterioides* (Ell. & Everh.) Wehmeyer in *Mycologia*, xli, p. 580, 1949. (Syn. *Pleospora hysterioides* Ell. & Everh.).
- IRANIELLA** Petrak in *Sydowia*, iii, p. 135, 1949.—Sphaeriaceae.
- rechingeri* Petrak in *Sydowia*, iii, p. 136, 1949 on dead branches.—Persia.
- Irenina loniceræ** Hansford, this *Index* p. 242; see also p. 208.
- Karlingia asterocysta** Karling in *Mycologia*, xli, p. 509, 1949 on chitinous substrata.—Maryland, U.S.A.
- chitinophila* Karling in *Mycologia*, xli, p. 506, 1949 on chitinous substrata.—Maryland, U.S.A.
- curvispinosa* Karling in *Mycologia*, xli, p. 511, 1949 on chitinous substrata.—Maryland, U.S.A.
- dubia* Karling in *Mycologia*, xli, p. 513, 1949 on chitinous substrata.—Maryland, U.S.A.
- lobata* Karling in *Mycologia*, xli, p. 515, 1949 on cellulosic substrata.—Maryland, U.S.A.
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- pirinum** (Lib.) Viennot-Bourgin in *Les Champignons Parasites des Plantes Cultivées*, i, p. 489, 1949. (Syn. *Fusicladium pirinum* (Lib.) Fuckel).
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- pseudosordida** (Sing.) Murr. in *Lloydia*, xii, p. 65, 1949. (Syn. *Tricholoma pseudosordidum* Sing.).
- subfulvidisca** Murrill in *Lloydia*, xii, p. 67, 1949.—Florida, U.S.A.
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- MINDOA** Petrak in *Sydowia*, iii, p. 248, 1949.—Sphaeropsidales.
- ingae** Petrak in *Sydowia*, iii, p. 248, 1949 on *Inga punctata*.—Ecuador.
- Morchella conica** Pers. var. **nigripes** Moser in *Sydowia*, iii, p. 184, 1949.—Austria.
- esculenta** (L.) var. **atrotoomentosa** Moser in *Sydowia*, iii, p. 189, 1949.—Austria.
- Mycosphaerella alpina** Arx in *Sydowia*, iii, p. 68, 1949 on *Festuca* and *Carex curvula*.—Switzerland.
- digitalis-ambiguae** Arx in *Sydowia*, iii, p. 92, 1949 on *Digitalis ambigua*.—Switzerland.
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- longissima** (Fuckel) Arx in *Sydowia*, iii, p. 66, 1949. (Syn. *Sphaerella longissima* Fuckel).
- martagonis** Arx in *Sydowia*, iii, p. 81, 1949 on *Lilium martagon*.—Switzerland.
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- andina** Petrak in *Sydowia*, iii, p. 236, 1949 on *Hesperomeles glabrata*.—Ecuador.
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- **aeruginea** (Steyaert) Steyaert in *Bull. Jard. bot. Brux.*, xix, p. 322, 1949. (Syn. *Pestalotia aeruginea* Steyaert).
  - **annulata** (Berk. & Curt.) Steyaert in *Bull. Jard. bot. Brux.*, xix, p. 316, 1949. (Syn. *Pestalotia annulata* Berk. & Curt.).
  - **aquatica** (Ell. & Ev.) Steyaert in *Bull. Jard. bot. Brux.*, xix, p. 334, 1949. (Syn. *Pestalotia aquatica* Ell. & Ev.).
  - **baarnensis** Steyaert in *Bull. Jard. bot. Brux.*, xix, p. 342, 1949 on *Rhododendron* sp.—? Holland.
  - **breviseta** (Sacc.) Steyaert in *Bull. Jard. bot. Brux.*, xix, p. 316, 1949. (Syn. *Pestalotia breviseta* Sacc.).
  - **calabae** (West.) Steyaert in *Bull. Jard. bot. Brux.*, xix, p. 308, 1949. (Syn. *Pestalotia calabae* West.).
  - **carbonacea** (Steyaert) Steyaert in *Bull. Jard. bot. Brux.*, xix, p. 335, 1949. (Syn. *Pestalotia carbonacea* Steyaert).
  - **clavisporea** (Atk.) Steyaert in *Bull. Jard. bot. Brux.*, xix, p. 335, 1949. (Syn. *Pestalotia clavisporea* Atk.).
  - **crassiuscula** Steyaert in *Bull. Jard. bot. Brux.*, xix, p. 338, 1949 on *Eucalyptus globulus*.—Tanganyika Territory.
  - **cruenta** (Syd.) Steyaert in *Bull. Jard. bot. Brux.*, xix, p. 318, 1949. (Syn. *Pestalotia cruenta* Syd.).
  - **dichaeta** (Speg.) Steyaert in *Bull. Jard. bot. Brux.*, xix, p. 308, 1949. (Syn. *Pestalotia dichaeta* Speg.).
  - **disseminata** (Thuem.) Steyaert in *Bull. Jard. bot. Brux.*, xix, p. 319, 1949. (Syn. *Pestalotia disseminata* Thuem.).
  - **fici** Steyaert in *Bull. Jard. bot. Brux.*, xix, p. 324, 1949 on *Ficus* sp.—Uganda.
  - **foedans** (Sacc. & Ell.) Steyaert in *Bull. Jard. bot. Brux.*, xix, p. 329, 1949. (Syn. *Pestalotia foedans* Sacc. & Ell.).
  - **funerea** (Desm.) Steyaert in *Bull. Jard. bot. Brux.*, xix, p. 340, 1949. (Syn. *Pestalotia funerea* Desm.).
  - **funeroides** Steyaert in *Bull. Jard. bot. Brux.*, xix, p. 345, 1949 on *Cupressus* sp.—Portugal.
  - **gallica** Steyaert in *Bull. Jard. bot. Brux.*, xix, p. 308, 1949 on *Camellia* sp.—France.
  - **glandicola** (Cast.) Steyaert in *Bull. Jard. bot. Brux.*, xix, p. 330, 1949. (Syn. *Robillardia glandicola* Cast.).
  - **gracilis** (Kleb.) Steyaert in *Bull. Jard. bot. Brux.*, xix, p. 310, 1949. (Syn. *Pestalotia gracilis* Kleb.).
  - **quepini** (Desm.) Steyaert in *Bull. Jard. bot. Brux.*, xix, p. 312, 1949. (Syn. *Pestalotia quepini* Desm.).
  - **hypodermia** (Niessl) Steyaert in *Bull. Jard. bot. Brux.*, xix, p. 328, 1949. (Syn. *Sporidesmium hypodermium* Niessl).
  - **ilicis** (West.) Steyaert in *Bull. Jard. bot. Brux.*, xix, p. 340, 1949. (Syn. *Pestalotia ilicis* West.).
  - **japonica** (Syd.) Steyaert in *Bull. Jard. bot. Brux.*, xix, p. 335, 1949. (Syn. *Pestalotia japonica* Syd.).
  - **karstenii** (Sacc. & Syd.) Steyaert in *Bull. Jard. bot. Brux.*, xix, p. 305, 1949. (Syn. *Pestalotia karstenii* Sacc. & Syd.).
  - **leucothoes** (White) Steyaert in *Bull. Jard. bot. Brux.*, xix, p. 319, 1949. (Syn. *Pestalotia leucothoes* White).
  - **macrospora** (Ces.) Steyaert in *Bull. Jard. bot. Brux.*, xix, p. 344, 1949. (Syn. *Pestalotia macrospora* Ces.).
  - **maculiformans** (Guba & Zeller) Steyaert in *Bull. Jard. bot. Brux.*, xix, p. 329, 1949. (Syn. *Pestalotia maculiformans* Guba & Zeller).
  - **mangiferae** (P. Henn.) Steyaert in *Bull. Jard. bot. Brux.*, xix, p. 320, 1949. (Syn. *Pestalotia mangiferae* P. Henn.).
  - **mayumbensis** (Steyaert) Steyaert in *Bull. Jard. bot. Brux.*, xix, p. 320, 1949. (Syn. *Pestalotia mayumbensis* Steyaert).
  - **monochaetioides** (Doyer) Steyaert in *Bull. Jard. bot. Brux.*, xix, p. 309, 1949. (Syn. *Pestalotia monochaetioides* Doyer).
  - **natalensis** (Van Beyma) Steyaert in *Bull. Jard. bot. Brux.*, xix, p. 344, 1949. (Syn. *Pestalotia natalensis* Van Beyma).
  - **oxyanthi** (Thuem.) Steyaert in *Bull. Jard. bot. Brux.*, xix, p. 329, 1949. (Syn. *Pestalotia oxyanthi* Thuem.).
  - **paeoniae** (Servazzi) Steyaert in *Bull. Jard. bot. Brux.*, xix, p. 312, 1949. (Syn. *Pestalotia paeoniae* Servazzi).
  - **palmarum** (Cooke) Steyaert in *Bull. Jard. bot. Brux.*, xix, p. 322, 1949. (Syn. *Pestalotia palmarum* Cooke).
  - **papposa** Steyaert in *Bull. Jard. bot. Brux.*, xix, p. 325, 1949 on *Cocos nucifera*.—Sierra Leone.
  - **planimi** (Vize) Steyaert in *Bull. Jard. bot. Brux.*, xix, p. 325, 1949. (Syn. *Pestalotia planimi* Vize).
  - **royenae** (Guba) Steyaert in *Bull. Jard. bot. Brux.*, xix, p. 320, 1949. (Syn. *Pestalotia royenae* Guba).
  - **sonsensis** (P. Henn.) Steyaert in *Bull. Jard. bot. Brux.*, xix, p. 336, 1949. (Syn. *Pestalotia sonsensis* P. Henn.).
  - **stictica** (Berk. & Curt.) Steyaert in *Bull. Jard. bot. Brux.*, xix, p. 328, 1949. (Syn. *Pestalotia stictica* Berk. & Curt.).
  - **theae** (Saw.) Steyaert in *Bull. Jard. bot. Brux.*, xix, p. 327, 1949. (Syn. *Pestalotia theae* Saw.).
  - **theae** (Saw.) Steyaert var. **minor** (Steyaert) Steyaert in *Bull. Jard. bot. Brux.*, xix, p. 327, 1949. (Syn. *Pestalotia theae* Saw. var. **minor** Steyaert).
  - **triseta** (M. & Mme F. Moreau) Steyaert in *Bull. Jard. bot. Brux.*, xix, p. 337, 1949. (Syn. *Pestalotia funerea* Desm. var. *macrochaeta* Speg. f. *triseta* M. & Mme F. Moreau).
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  - **virgatula** (Kleb.) Steyaert in *Bull. Jard. bot. Brux.*, xix, p. 336, 1949. (Syn. *Pestalotia virgatula* Kleb.).
  - **westerdijkii** Steyaert in *Bull. Jard. bot. Brux.*, xix, p. 329, 1949 on *Cocos nucifera*.—Celebes Island, Dutch East Indies.
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- physocarpi** Greene in *Amer. Midl. Nat.*, xli, p. 737, 1949 on *Physocarpus opulifolius*.—Wisconsin, U.S.A.
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- zanthoxyli** Greene in *Amer. Midl. Nat.*, xli, p. 720, 1949 on *Zanthoxylum americanum*.—Wisconsin, U.S.A.
- Phytophthora inflata** Caroselli & Tucker in *Phytopathology*, xxxix, p. 485, 1949 on *Ulmus americana*.—U.S.A.
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- Plagiostigma clypeata** Petrak in *Sydowia*, iii, p. 243, 1949 on *Disterigma acuminata*.—Ecuador.
- PLAGIOSTIGMELLA** Petrak in *Sydowia*, iii, p. 241, 1949.—Sphaeropsidales.
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- boliviensis** Couch in *Mycologia*, xli, p. 429, 1949 on fern sporophylls.—Bolivia.
- polypodii** (Couch) Couch in *Mycologia*, xli, p. 428, 1949. (Syn. *Septobasidium polypodii* Couch).
- Pleospora clypeata** Wehmeyer in *Mycologia*, xli, p. 584, 1949 on *Agave*.—? U.S.A.
- gaubae** Petrak in *Sydowia*, iii, p. 293, 1949 on *Linum austriacum*.—Persia.
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- Poria nathorst-windhalli** Pilát in *Bot. Notiser*, iii, p. 208, 1949 on dead wood.—Sweden.
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- Puccinia paniciae** Picbauer in *Sydowia*, iii, p. 149, 1949 on *Paniccia serbica*.—Greece.
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- Pyrenopeziza rubicola** Losa in *An. Jard. bot. Madr.*, viii, p. 330, 1947 on *Rubus*.—Spain.
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- shiraiana** (P. Henn.) Imai in *J. Fac. Agric. Hokkaido Univ.*, xlv, p. 177, 1941. (Syn. *Microglossum shiraianum* P. Henn.).
- Septoria cornicola** Desm. var. *ampla* Greene in *Amer. Midl. Nat.*, xli, p. 755, 1949 on *Cornus racemosa*.—Wisconsin, U.S.A.
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- violacea** Greene in *Amer. Midl. Nat.*, xli, p. 754, 1949 on *Oxalis violacea*.—Wisconsin, U.S.A.
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- f. efibulatum** J. Eriksson in *Svensk bot. Tidskr.*, xliii, p. 314, 1949. Sweden.
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- cynodontis** Ling in *Sydowia*, iii, p. 131, 1949 on *Cynodon dactylon*.—Philippine Islands.
- papuae** (Zundel) Ling in *Sydowia*, iii, p. 133, 1949. (Syn. *Sphacelotheca papuae* Zundel).
- Spermospora subulata** f. *ciliata* Sprague in *Mycologia*, xli, p. 495, 1949 on *Agrostis alba*.—Wyoming, U.S.A.
- Sphacelotheca apludae** Pavgi & Mundkur in *Indian Phytopathology*, i, p. 110, 1949 on *Apluda varia* var. *aristata*.—India.
- aristidae-cyananthae** (Brefeld) Pavgi & Mundkur in *Indian Phytopathology*, i, p. 111, 1949. (Syn. *Ustilago aristidae-cyananthae* Brefeld).



- **cypericola** Pavgi & Mundkur in *Indian Phytopathology*, i, p. 111, 1949 on *Cyperus difformis*.—India.
- **indehiscens** Ling in *Sydowia*, iii, p. 125, 1949 on *Themeda gigantea*.—Java.
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- **ophiuri** (P. Henn.) Ling in *Sydowia*, iii, p. 127, 1949. (Syn. *Ustilago ophiuri* P. Henn.).
- **polytriadis** (Masse) Ling in *Sydowia*, iii, p. 127, 1949. (Syn. *Ustilago polytriadis* Masse).
- **pulverulenta** (Cooke & Masse) Ling in *Sydowia*, iii, p. 127, 1949. (Syn. *Cintractia pulverulenta* Cooke & Masse).
- **rhapidis** Ling in *Sydowia*, iii, p. 128, 1949 on *Rhaphis aciculatus*.—Philippine Islands.
- Sphaerella veratri** Losa in *An. Jard. bot. Madr.*, viii, p. 304, 1947 on *Veratrum album*.—Spain.
- Sporobolomyces holsaticus** Windisch in *Arch. Mikrobiol.*, xiv, p. 289, 1949 from food yeast. —Germany.
- Sporotrichum beurmanni** var. **anglicum** (Cast.) Redaelli & Ciferri, *Le granulomatosi fungine dell'uomo nelle regioni tropicali e subtropicali*, p. 459, 1942. (Syn. *Sporotrichum anglicum* Castellani).
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- **andina** Petrak in *Sydowia*, iii, p. 245, 1949 on *Miconia crocea*.—Ecuador.
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- **melaleucum** var. **caespitosum** (Murr.) Murr. in *Lloydia*, xii, p. 67, 1949. (Syn. *Melanoleuca melaleuca* var. *caespitosa* Murr.).
- **quercicola** (Murr.) Murr. in *Lloydia*, xii, p. 67, 1949. (Syn. *Cortinellus quercicola* Murr.).
- **subfulvidiscum** (Murr.) Murr. in *Lloydia*, xii, p. 67, 1949. (Syn. *Melanoleuca subfulvidisca* Murr.).
- **subsilvaticum** (Murr.) Murr. in *Lloydia*, xii, p. 68, 1949. (Syn. *Melanoleuca subsilvatica* Murr.).
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- \* **Trichophyton rodhaii** Vanbreuseghem in *Ann. Parasit. hum. comp.*, xxiv, p. 244, 1949 on man (*Homo sapiens*).—Belgian Congo.
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- **setifera** Karling in *Amer. J. Bot.*, xxxvi,



- p. 455, 1949 on cellulose in cultures.—Maryland, U.S.A.
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- **hartigii** (Tubef.) Steyaert in *Bull. Jard. bot. Brux.*, xix, p. 298, 1949. (Syn. *Pestalotia hartigii* Tubef.).
- **lauro-cerasi** (West.) Steyaert in *Bull. Jard. bot. Brux.*, xix, p. 298, 1949. (Syn. *Pestalotia lauro-cerasi* West.).
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- Unguicularia costata** (Boud.) Dennis in *Mycol. Pap., C.M.I.*, 32, p. 79, 1949. (Syn. *Urceolella costata* Boud.).
- **millepunctata** (Lib.) Dennis in *Mycol. Pap., C.M.I.*, 32, p. 79, 1949. (Syn. *Peziza millepunctata* Lib.).
- Urnula hiemalis** Nannfeldt in *Svensk bot. Tidskr.*, xliii, p. 471, 1949.—Sweden.
- Uromyces poae** f. sp. **repenti-pratensis** Gäumann in *Phytopath. Z.*, xiii, p. 512, 1941 on *Ranunculus repens* and *Poa pratensis*.—Germany.
- **ruiz-leali** Lindquist in *Notas del Museo de La Plata*, xiv, p. 51, 1949 on *Anarthrophyllum elegans*.—Argentina.
- **shahrudensis** Petrak in *Sydowia*, iii, p. 273, 1949 on *Onobrychis*.—Persia.
- Ustilago dehiscens** Ling in *Sydowia*, iii, p. 124, 1949 on *Polygonum amplexicaule*.—India.
- Vermicularia dematium** (Pers.) Fr. var. **minor** Wollenw. in *Z. Parasitenk.*, xiv, p. 206, 1949 on dead *Lupinus polyphyllus*.—Germany.
- var. **wallrothii** (Sacc.) Wollenw. in *Z. Parasitenk.*, xiv, p. 204, 1949. (Syn. *Vermicularia wallrothii* Saccardo).
- Volvaria flaviceps** Murrill in *Mycologia*, xli, p. 490, 1949 on log of *Magnolia*.—Florida, U.S.A.
- XENOPLACA** Petrak in *Sydowia*, iii, p. 261, 1949.—Hyphomycetes.
- **aequatoriensis** Petrak in *Sydowia*, iii, p. 261, 1949 on *Clusia*.—Ecuador.
- Ypsilonia corticalis** Wolf in *Mycologia*, xli, p. 563, 1949 on dead *Quercus borealis*.—North Carolina, U.S.A.
- Zignoella iranica** Petrak in *Sydowia*, iii, p. 312, 1949 on *Salix acmophylla*.—Persia.

## HOST INDEX

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*Helotium lactucae*
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*Phomopsis liatridis*



## CONIFERAE

- Abies procera*  
*Oxyporus nobilissimus*  
*Agathis palmerstoni*  
*Hendersonula agathi*  
*Cupressus*  
*Pestalotiopsis funerioides*  
*Juniperus communis*  
*Hendersonia foliicola* var. *longiospora*  
*Lophodermium juniperinum* var. *minorospora*

## Pinus

- Fusarium lateritium* f. *pini*  
*Pinus silvestris*  
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*Pinus strobus*  
*Leptothyrium pinastri* var. *maiorospora*  
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*Oxyporus nobilissimus*

## CORNACEAE

- Cornus racemosa*  
*Septoria cornicola* var. *ampla*

## CRUCIFERAE

- Isatis tinctoria*  
*Leptosphaeria allorgei*

## CYPERACEAE

- Carex baccans*  
*Farysia orientalis*  
*Carex curvula*  
*Mycosphaerella alpina*  
*Carex panicea*  
*Puccinia urticae-paniceae*  
*Cyperus* sp.  
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*Eriophorum angustifolium*  
*Dasyascypha sydowii*  
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*Cintractia fimbristylicola*

## ERICACEAE

- Cavendishia*  
*Phyllopezis andina*  
*Disterigma acuminata*  
*Plagiostigma clypeata*  
*Plagiostigmella clypeata*  
*Rhododendron*  
*Pestalotiopsis baarnensis*

## EUPHORBIACEAE

- Euphorbia*  
*Haplosporella iranica*  
*Leptosphaeria tolgoensis*  
*Ricinus communis*  
*Phyllosticta bosensis*

## FAGACEAE

- Fagus silvatica*  
*Crepidotus macedonicus*  
*Quercus borealis*  
*Ypsilonia corticalis*  
*Quercus laurifolia*  
*Cortinellus quercicola*

## FUNGI

- Uromyces costaricensis*  
*Creonecte biparasitica*

## GNETACEAE

- Ephedra*  
*Thyridium rechingeri*

## GRAMINEAE

- Agrostis alba*  
*Spermospora subulata* f. *ciliata*  
*Andropogon furcatus*  
*Phaeoseptoria festucae* var. *andropogonis*

## GRAMINEAE (continued)

- Apluda varia* var. *aristata*  
*Sphacelotheca aphudae*  
*Arthraxon lancifolius*  
*Bremia graminicola* var. *indica*  
*Brachyelytrum erectum*  
*Stagonospora brachyelytri*  
*Bromus erectus*  
*Dasyascypha carneola* var. *longispora*  
*Calamagrostis canadensis*  
*Hyalothyridium calamagrostidis*  
*Cynodon dactylon*  
*Sorosporium cynodontis*  
*Festuca*  
*Mycosphaerella alpina*  
*Festuca arenaria*  
*Leptosphaeria arenaria*  
*Ischaemum timorense*  
*Sphacelotheca ischaemicola*  
*Muhlenbergia filiformis*  
*Phyllosticta minutaspora*  
*Pennisetum purpureum*  
*Stagonospora penniseti*  
*Perotis latifolia*  
*Tilletia ahmadiana*  
*Phleum pratense*  
*Gloeosporium meinersii*  
*Poa alpina*  
*Gloeosporium meinersii* var. *alpinum*  
*Poa pratensis*  
*Uromyces poae* f. sp. *repenti-pratensis*  
*Rhaphis aciculatus*  
*Sphacelotheca raphidis*  
*Sorghum vulgare*  
*Periconia macrospinoso*  
*Spartina pectinata*  
*Hendersonia spartinae*  
*Themeda gigantea*  
*Sphacelotheca indehiscens*

## GUTTIFERAE

- Calophyllum inophyllum* var. *tacamaha*  
*Haplographium calophylli*  
*Clusia*  
*Xenoplaca aequatoriensis*  
*Hypericum*  
*Glomerella cingulata* var. *migrans*

## HIPPOCRATEACEAE

- Hippocratea*  
*Acrocladium andinum*

## HYDROPHYLLACEAE

- Hydrophyllum virginianum*  
*Ascochyta hydrophylli-virginiani*

## INSECTA

- Cordyceps aurea*  
*Cordyceps filiformis*  
*Cordyceps lilacina*  
*Cordyceps pseudoinsignis*  
*Cordyceps truncata*  
*Cordyceps variegata*  
*Catops nigricans*  
*Barbariella tubantica*  
*Coleoptera*  
*Cordyceps furcata*  
*Cordyceps rubri-punctata*  
*Hemiptera*  
*Cordyceps lutea*  
*Paltothyreus tarsatus*  
*Cordyceps carnata*

## INVERTEBRATA (other than Insecta)

- Ditylenchus*  
*Nematoctonus concurrens*  
*Panagrolaimus subelongatus*  
*Nematoctonus concurrens*



## JUGLANDACEAE

*Carya cordiformis**Coniothyrium pallidospermum*

## LABIATAE

*Stachys inflata**Thyridium semnanense*

## LARDIZABALACEAE

*Decaisnea insignis**Diplodina berberidina* f. *decaisneae*

## LEGUMINOSAE

*Anarthrophyllum elegans**Uromyces ruiz-leali**Astragalus**Camarosporium shahvaricum**Endoplacodium nigrescens**Hendersonula astragalina**Microsphaera caulicola**Eriosema spicatum**Dothidella eriosemae**Inga punctata**Mindoa ingae**Lotus**Thecaphora loti**Lupinus**Thecaphora lupini**Lupinus polyphyllus**Vermicularia dematium* var. *minor**Onobrychis**Uromyces shahrudensis**Onobrychis cornuta**Hendersonia shahvarica**Robinia pseud-acacia**Crepidotus subverrucisporus**Tephrosia virginiana**Stagonospora tephrosiae*

## LILIIACEAE

*Asphodelus albus**Hypoderma asphodeli**Lilium martagon**Leptosphaeria martagoni**Mycosphaerella martagonis**Veratrum album**Phoma veratri**Sphaerella veratri*

## LINACEAE

*Linum austriacum**Pleospora gaubae*

## MAGNOLIACEAE

*Magnolia**Volvaria flaviceps*

## MELASTOMACEAE

*Miconia crocea**Synostomina andina*

## MORACEAE

*Ficus**Pestalotiopsis fici**Ficus edulis**Glomerella cingulata* var. *minor*

## MYRICACEAE

*Myrica gale**Hyalotricha corticicola*

## MYRTACEAE

*Eucalyptus globulus**Pestalotiopsis crassiuscula*

## OLEACEAE

*Fraxinus americana**Marsonia gloeodes*

## ONAGRACEAE

*Epilobium hirsutum**Dasyscypha nudipes* var. *minor*

## OXALIDACEAE

*Oxalis violacea**Septoria violacea*

## PALMAE

*Cocos nucifera**Pestalotiopsis papposa**Pestalotiopsis westerdijkii*

## PAPAVERACEAE

*Meconopsis cambrica**Peronospora gaeumanni*

## PASSIFLORACEAE

*Passiflora alnifolia**Pithosira sydowii*

## PLUMBAGINACEAE

*Acantholimon**Ramularia iranica*

## POLYGONACEAE

*Polygonum**Thyridium concinnum**Polygonum amplexicaule**Ustilago dehiscentis**Rumex**Hendersonia rumicis**Phialea scutata*

## PYROLACEAE

*Chimaphila umbellata**Ramularia chimaphilae*

## RANUNCULACEAE

*Aconitum napellus**Lophodermium aconiti**Anemone canadensis**Stagonospora canadensis**Anemone cylindrica**Ramularia ovularioides**Delphinium**Asteromella delphinii**Fusarium oxysporum* f. *delphinii**Ranunculus repens**Uromyces poae* f. sp. *repenti-pratensis*

## ROSACEAE

*Hesperomeles glabrata**Neopeltis andina**Physocarpus opulifolius**Phyllosticta physocarpi**Prunus americana**Cladosporium americanum**Rosa**Niptera rosae**Rubus**Pyrenopeziza rubicola*

## RUBIACEAE

*Coffea arabica**Glomerella cingulata* var. *crassisporea*

## RUTACEAE

*Zanthoxylum americanum**Phyllosticta zanthoxyli*

## SALICACEAE

*Salix acmophylla**Zignoella iranica**Salix alba**Cercospora salicis*

## SCROPHULARIACEAE

*Digitalis ambigua**Asteromella digitalis-ambiguae**Mycosphaerella digitalis-ambiguae**Ramularia digitalis-ambiguae**Gerardia paupercula**Septoria scrophulariae* var. *agalinis**Scrophularia alpestris**Ophiobolus scrophulariae*



## SOLANACEAE

*Atropa belladonna**Trichopeziza belladonnae*

## THEACEAE

*Camellia**Pestalotiopsis gallica*

## ULMACEAE

*Celtis occidentalis**Stagonospora macromaculans**Ulmus americana**Phytophthora inflata*

## UMBELLIFERAE

*Cryptotaenia canadensis**Stagonospora cryptotaeniae**Eryngium bourgatium**Pyrenophora eryngicola**Puccinia serbica**Puccinia pucciniae*

## URTICACEAE

*Urtica dioica**Puccinia urticae-paniccae*

## VALERIANACEAE

*Kentranthus angustifolius**Erysiphe blumeri*

## VERBENACEAE

*Citharexylum ilicifolium**Heteroconium citharexylis*

## VERTEBRATA

*Homo sapiens**Candida truncata**Madurella grisea**Sabouraudites duboisii**Saccharomyces laryngitidis**Trichophyton rodhaini*

## ZYGOPHYLLACEAE

*Zygophyllum**Cyanopatella iranica**Zygophyllum atriplicoides**Hendersonia zygophylli**Teichospora sarhaddensis*

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